

AMENDMENTS TO THE CLAIMS

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8/1/07

1. (Currently Amended) An isolated protein having activity of inhibiting anthrax toxin, said protein having the following characteristics:

- (i) hydrophobic in nature,
- (ii) molecular weight 67 kDa,
- (iii) stable at room temperature,
- (iv) resistant to trypsin,
- (v) has no proteolytic activity,
- (vi) inhibits proteolytic cleavage of protective antigen (PA) of *Bacillus anthracis* in a dose dependent manner,
- (vii) binds to IgE,
- (viii) is devoid of any carbohydrate moiety; and
- (ix) ~~is obtained from pollen grains of a grass of a genus selected from group consisting of Imperata, a genus related to Imperata, Lolium, a genus related to Lolium, Phleum, a genus related to Phleum, Cynodon and a genus related to Cynodon~~ is isolated from *Imperata cylindrical* and demonstrated that a similar protein is present in *Lolium perenne*, *Phleum pratense* and *Cynodon dactylon*.

2. (Canceled)

3. (Previously Presented) The protein of claim 1 wherein the protein is stable in the temperature range of about 3°C to 40°C.